



**To Fatten the TMB Channel Tone**

1. Change C1 to 0.022uF
2. Change C2 to 2.2uF -OR- change R5 to 2.7K -OR- both
3. Change R11 to 33K
4. Change VR5 to 500K-A or 250K-A to give the bass control more useful range

**Normal Channel**

Increase Gain: 820 ohm R27; 50uF C16; 250K R6. Reduce Gain: 2.2k R27, remove C16; 100K R6.

There are several places to adjust gain and tone in the sIII circuit and each of them do it in a different way and to different effect. You may find you only need one of them, a few of them, all of them, or none of them.

**To Increase Gain on TMB Channel**

1. Remove R8;
2. Change VR1 to 1M-A
3. Change R9 to any value between 470R and 2.7K--lower values = more gain
4. Bypass R9 with a cap between 0.68uF and 47uF. Higher values = more bass
5. Increase R4 to 250K;
6. Increase R7 to 250K
7. You may need to change VR7 to 250K-A or 100K-A to keep the PI from overloading from the increased gain

Line (black)

Black - Red - 234 VAC

Black-White

Black

Indicator (120V Neon)

White - 0V

6.3V 1A

290V

290V

6.3 V heaters